PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS MACADAM

Lab ID	:	**CP-RW-2017-09-12-01** **Date: 15-09-17**
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to MEI layout 4th A Cross, 4th and 5th main 6th main and other cross roads at Bagalagunte in ward No.14
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference	:	BBMP/EE/DD/WO/038/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	12-09-17
Sample ID No	:	2017-09-12-01-01
Type of Mix	:	BM (Bituminous Macadam)
Date of test	:	12-09-17

Table 500-6 : Physical Requirements fo Coarse Aggregate for Bituminous Macadam

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	10.4	Combined Flakiness & Elongation Index for BM is Maximum 35%	IS:2386 Part I
	Elongation Index	11.4		
Strength	Aggregate Impact Value	21.5	Maximum 30%	IS:2386 Part IV
Specific gravity	Specific gravity	2.54	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.25	Maximum 2%	IS:2386 Part III

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

CIVIL PRO BANGALORE Sig..... Date.....

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R KARTHIK RECHAN
Authorized Signatory
Quallity Manager

End of Report

TEST REPORT OF AGGEGRATE STRIPPING VALUE OF ROAD AGGRGATE (IS:6241)

Lab ID	:	**CP-RW-2017-09-12-01** **Date: 15-09-17**
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to MEI layout 4th A Cross, 4th and 5th main 6th main and other cross roads at Bagalagunte in ward No.14
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference	:	BBMP/EE/DD/WO/038/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	12-09-17
Sample ID No	:	2017-09-12-01-01
Type of Mix	:	BM(Bitumnous Macadam)
Date of test	:	12-09-17

Type of Binder	:	60/70
% of Binder Used	:	5.0%
Weight of Aggregate	:	200.0 gm
Weight of Binder	:	10.0 gm
Temperature of water bath	:	40°C

No of test	Retained Stripping Percentage	Stripping Percentage	Average Retained Stripping Percentage	Secified limits as per MORTH specification table 500-6
1	97.5	2.5	98.0	Minimum Retained Coating 95%
2	98.0	2.0		
3	98.5	1.5		

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Samples will be disposed after 30 days from the date of issue of test certificate

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL PRO BANGALORE Sig..... Date.....

****End of Report****

TEST RESULTS OF GRADATION FOR BM
(IS 2386:(Part 1) 1963 (RA2011)

Lab ID : **CP-RW-2017-09-18-01** **Date: 19-09-17**

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

Address : T.Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to MEI layout 4th A Cross, 4th and 5th main 6th main and other cross roads at Bagalagunte in ward No.14

Agency : Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.

Customer Reference : BBMP/EE/DD/WO/038/2017-18

Source of Sample : Sample supplied by Agency

Date of Receipt : 18-09-17

Sample ID No : 2017-09-18-01-01

Type of Mix : BM (Bituminous Macadam)

Date of test : 18-09-17

Sl.no	Description	Index	Trail 1	Trail 2
1	Weight of the Sample	A	500	500
2	Weight of the sample After extraction	B	480	481
3	Bitumen percentage	$\frac{A-B}{A} \times 100$	4.0	3.8
4	Average percentage	%	3.9	

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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